4116/04 Approved for use

PTO/SB/08A (08-00) r use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO Complete if Known 10/826475 **Application Number** INSORMATION DISCLOSURE **Filing Date** Herewith STATEMENT BY APPLICANT **First Named Inventor** G. Glenn Henry (use as many sheets as necessary) Thomas A. Crispin **Terry Parks Group Art Unit Examiner Name Sheet** 1 2 Attorney Docket Number **CNTR.2223**

	U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.1	U.S. Patent Do	Kind Code ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/EZ/	AA	4316055	T	Feistel, Horst	02/16/1982	
/EZ/	AB	5016276		Matumoto et al	05/14/1991	
/EZ/	AC	5218637		Angebaud et al	06/08/1993	
/EZ/	AD	5673319		Bellare et al	09/30/1997	
/EZ/	AE	5870470		Johnson et al	02/09/1999	
/EZ/	AF	6182216		Luyster, Frank C.	01/30/2001	
/EZ/	AG	6301362		Matyas, Jr. et al	10/09/2001	
/EZ/	AH	6324286		Lai et al	11/27/2001	
/EZ/	Al	6578150		Luyster, Frank C.	06/10/2003	
			1	<u>'</u>		
		<u> </u>				

icant Date of Publication of Cited Document MM-DD-YYYY Passages or Relevant Figures Appear
MIM-DD-1111

Examiner Signature	/Edward Zee/	Date Considered	04/02/2007	
-----------------------	--------------	--------------------	------------	--

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND. FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*}Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁹Applicant is to place a check mark here if English tanguage Translation is attached.

PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it contains a valid OMB control number:

Substitute for form 1449A/PTO			Complete if Known			
INFORMATION DISCLOSURE				Application Number	NA	10/826475
STATEMENT BY APPLICANT			Filing Date	Filing Date Herewith		
	(use as many sheets as necessary			First Named Inventor	Thon	enn Henry nas A. Crispin / Parks
				Group Art Unit		
			Examiner Name			
Sheet	2	of	2	Attorney Docket Number	CNTR.2223	

		OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS	
Examiner Initiats*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	AA	DAVID E. KIMBLE, MITSURA SHIMADA, NAVIN CHANDER; "FIFO ARCHITECTURE WITH IN-PLACE CRYPTOGRAPHIC SERVICE; 02/27/2003, TEXAS INSTRUMENTS INCORPORATED; DALLAS, TX, USA.	-
		·	
	*		
Examine		/Edward Zoo/ Pate 04/02/2007	

Examiner Signature	/Edward Zee/	Date Considered	04/02/2007	
	The state of the s			

^{*}EXAMINER: initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered; include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08A (08-03)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

APR 1 6 2005 50

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE ler the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary

Sheet 1 of

Cor	mplete if Known	
Application Number	10/826475	
Filing Date	04/16/04	
First Named Inventor	G. GLENN HENRY	
Group Art Unit	2131	
Examiner Name	UNKNOWN	
Attorney Docket Number	CNTR.2223	

			U.S. PATENT	DOCUMENTS	
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.¹	Number-Kind Code ^{2(f known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
/EZ/	<u> </u>	5666411	09-09-1997	McCarty, Johnnie C.	
/EZ/		4633388	12-30-1986	Chiu, Ming-Yee	
	ļ				
					0
·					
······································					
	<u> </u>			-	

2

		FOREIG	N PATENT DO	CUMENTS		
Examiner Cite	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,	
Initials*	No.¹	Country Code ³ - Number ⁴ - Kind Code ⁵ (* known)	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T°
<u>/EZ/</u>	AA	EP1298518A2	04-02-2003	Tokyo Shibaura Electric		
/EZ/	AB	EP1202150A2	05-02-2002	Tokyo Shibaura Electric		\vdash
/EZ/	AC	DE3432721A1 (English-language version of the search report or action which indicates the degree of relevance found by the foreign office is attached.)	03-06-1986	Hahn, Ruediger		
	Ŀ					
					· — — — — — — — — — — — — — — — — — — —	

Examiner Signature	/Edward Zee/	Date Considered	04/16/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST .3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

PTO/SB/08A (08-03)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known Substitute for form 1449A/PTO **Application Number** 10/826475 INFORMATION DISCLOSURE Filing Date 04/16/04 First Named Inventor STATEMENT BY APPLICANT G. GLENN HENRY **Group Art Unit** 2131 (use as many sheets as necessary **Examiner Name** UNKNOWN Sheet **Attorney Docket Number** CNTR.2223

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/EZ/	ВА	"IBM PCI Cryptographic Coprocessor CCA Basic Services Reference and Guide for IBM 4758 Models 002 and 023 with Release 2.40," IBM, September 2001, XP002291430	
			+
			1
			1
			1
		4 3	
			

Examiner	/Edward Zoo/	Date	
0:	/Edward ∠ee/	Date	<i>へんいついつ</i> れつ I
Signature	1	Considered	04/02/2007
		Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



PTO/SB/08A (08-03)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO				. Complete if Known		
				Application Number	10/826475	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Filing Date	04/16/04	
				First Named Inventor	G. Glenn Henry	
				Group Art Unit	2131	
(use a	s many sheets as	s necessary .		Examiner Name		
Sheet	1	of	2	Attorney Docket Number	CNTR.2223	

			U.S. PATENT	T DOCUMENTS	
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
initials*	No.¹	Number-Kind Code ^{2(# Inoun)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
/EZ/	/EZ/ 2001037450		11-01-2001	Metlitski et al.	
				 .	
		:			
			·		
	. •				
	<u> </u>			••	
				•	·
•		12		•	3

	FOREIGN PATENT DOCUMENTS							
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,	1		
Initials*	No.1	Country Code ³ - Number ⁴ - Kind Code ^{5 (7 known)}	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T		
/EZ/	AA	EP1351432A	10-08-2003	QI et al.				
		•						

Examiner Signature	/Edward Zee/	Date Considered	04/02/2007
	/24/14/4 250/	Odrisidered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO) Standard ST .3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 tand by the USPTO to process) an application. Confidentiality is governed by 30 U.S.C. 122 and 37 CFK 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the complete displication form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SE/BBA (09-03)
Approved for use through 10/31/2002. OMB 0551-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Peperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/F	70			Complete if Known		
Substitute for form 1449AP	710			Application Number	10/826475	
INFORM	ATION DIS	CLOSUR	E	Filing Date	04/16/04	
STATEM	ENT BY A	PPLICAN	T	First Named Inventor	G. Glenn Henry	
			-	Group Art Unit	2131	
(USB 85	many sheets as	necessary		Examiner Name		
Sheet	2	of	2	Attorney Docket Number	CNTR.2223	

NON PATENT LITERATURE DOCUMENTS							
Examiner Initiats* Cite No.! Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the initials. (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), page(s), page(s), volume-issue number(s), page(s),							
/EZ/	ВА	SCHNEIER: "Applied Cryptography." 1996. John Wiley & Sons, New York, US. XP002341498. Pages 30-31, Pages 189- 211, Pages 446-459.					
			┝				
			Ĺ				
			\perp				
			╁				
~							
			╀				
			╁				
	·		Ĺ				
			igdash				
			╁				
	·		İ				
		·					
•			1				

Examiner Signature	/Edward Zee/	Date Considered	04/02/2007
		the second secon	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance

and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the Individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

3/11/06

PTO/SB/08A (08-03)
Approved for use through 10/31/2002. OMB 0851-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/P	TO			Complete if Known		
Substitute for form 1449AP	10			Application Number	10/826475	
INFORM	ATION DISC	CLOSU	RE	Filing Date	04/16/04	
STATEM	ENT BY AP	PLICA	NT	First Named Inventor	G. Glenn Henry	
				Group Art Unit	2131	
(Use as	many sheets as r	ecessary		Examiner Name		
Sheet	1	of	2	Attorney Docket Number	CNTR.2223	

U.S. PATENT DOCUMENTS						
Examiner Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where		
Initials*	No.¹	Number-Kind Code ^{2(8 known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	
/EZ/		4250546	02-10-1981	Boney et al.		
						
				· · · · · · · · · · · · · · · · · · ·		
				•		
					<u> </u>	
	 				-	

	FOREIGN PATENT DOCUMENTS							
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,	т6		
Initials*	No.1	Country Code ³ - Number ⁴ - Kind Code ^{5 (Winters)}	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	1		
/EZ/	AA	WO0076119A1	12-14-2000	Daniel Z. Simon		<u> </u>		
/EZ/	AB	EP0913767A2	05-06-1999	Moyer et al.				
/EZ/	AC	JP57176457 (abstract)	10-29-1982	Kato Takeshi				
/EZ/	AD	WO0144900A2	6-21-2001	Fleming et al.				
		-						
						ļ		
						L		

Examiner Signature	/Edward Zee/	Date Considered	04/02/2007	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Nind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

PTO/SE/08A (08-03)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

On halfing to form 44404.5	OTO	•		Complete if Known		
Substitute for form 1449A/I	210			Application Number	10/826475	
INFORM	ATION DIS	CLOSUR	RE	Filing Date	04/16/04	
STATE	STATEMENT BY APPLICANT				G. Glenn Henry	
				Group Art Unit	2131	
(use as	many sheets as	necessary		Examiner Name		
Sheet	2	of	2	Attorney Docket Number	CNTR.2223	

		NON PATENT LITERATURE DOCUMENTS	
Examiner initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
/EZ/	ВА	SCHNEIER. "Applied Cryptography, Protocols, Algorithms and Source Code in C." 2nd edition 2.3 One Way Funtions Applied Cryptography. 18 October 1995. pages 29-31, 193. XP002224472.	
/EZ/	BB	RECHENBERG et al. "Informatik-Handbuch" INFORMATIK-HANDBUCH, 2002, XP0023666659. page 304 - page 324.	
/EZ/	вс	INSTITUTE FOR APPLIED INFORMATION PROCESSING AND COMMUNICATIONS, TU GRAZ: "Cryptographic Logic Unit /Crypto Unit Macrocell Webpages." CRYPTOGRAPHIC REDUCED INSTRUCTION SET PROCESSOR SMARTCARD, online 12 April 2000. XP00236660 Retrieved from the Internet: URL: http://web.archive.org/web/20000412010535 http://www.iaik.tu-graz.ac.at/Research/VLSI/CRISP/crisp.htm retrieved on 2006-02-07! page 8	
/F7	BD	"Secure Microcontrollers for Smart Cards. AT90SC Summary" ANNOUNCEMENT ATMEL, 1999, pages 1-7. XP002291271	L
_			_
			$oxed{\Box}$

			Π
			Γ
			Г
			Τ
			Τ
•			T
			Τ
			Τ
		•	Т

Examiner Signature	/Edward Zee/	Date Considered	04/02/2007

^{*}EXAMINER: initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance

and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a callection of information unless it contains a valid OMB control number.

Substitute for form 1449A/F)TO			Complete if Known		
Substitute for form 1449AVF	10		•	Application Number	10/826475	
INFORM	ATION DIS	CLOSU	RE	Filing Date	04/16/04	
STATEM	ENT BY A	PPLICA	NT	First Named Inventor	G. Glenn Henry	
				Group Art Unit	2131	
(use as	many sheets as	necessary		Examiner Name		
Sheet	1	of	1	Attorney Docket Number	CNTR.2223	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	7
/EZ/		ULMANN, B. "Designing a NICE Processor." Microprocessors and Microsystems, IPC Business Press LTD. London, GB. Vol. 23, No. 5. 25 October 1999. Pages 257-264. XP004321479 ISSN: 0141-9331.	I
		· · · · · · · · · · · · · · · · · · ·	+
			I
			+
			ļ
			╁
			\dagger
			Ţ
**			╁
			\downarrow
			╀
			1

Examiner /Edward Zee/	Date Considered	04/02/2007	
-----------------------	--------------------	------------	--

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

This collection of Information Is required by 37 CFR 1.97 and 1.98. The Information Is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

6/4/06



PTO/SB/08A (08-03) Approved for use through 10/31/2002. DMB 0851-0031

U.S. Patent and Trademark Office: U.S. DePARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known Substitute for form 1449A/PTO **Application Number** 10/826475 INFORMATION DISCLOSURE 04/16/04 Filing Date G. Glenn Henry First Named Inventor STATEMENT BY APPLICANT 2135 Group Art Unit (use as many sheets as necessary **Examiner Name** Kim Y. Vu Attorney Docket Number **CNTR.2223** Sheet of

		U.S. PATENT	DOCUMENTS	
Cite	Document Number	1		Pages, Columns, Lines, Where
No.1	Number-Kind Code ^{2(# Imown)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
	2002191784	12-19-2002	Yup et al.	
	······································			
		ļ <u>-</u>		
	- n	ļ		
	Cite No.1	No.1 Number-Kind Code ^{2(s known)} 2002191784	Cite No.1 Document Number Number-Kind Code ^{2(# known)} Publication Date MM-DD-YYYY 2002191784 12-19-2002	No.1 Number-Kind Code ^{2(# known)} MM-DD-YYYY Applicant of Cited Document 2002191784 12-19-2002 Yup et al.

		FOREIG	N PATENT DO	CUMENTS	•	
CAMITING CITY PROPERTY	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,	_
	Country Code ³ - Number ⁴ - Kind Code ^{5 (Eknown)}	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	[
/EZ/	AA'	EP1271839	01-02-2003	Okada et al.		1
						Г
						T
						Τ
						T
						T
						1

Examiner Signature	/Edward Zee/	Date Considered	04/02/2007	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

PTO/SB/08A (08-03)
Approved for use through 10/31/2002. OMB 0551-0031
U.S. Patent and Tradement Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

0 h - 1 h - 6 - 6 4440 4 70	TO.			Complete if Known		
Substitute for form 1449A/P	10			Application Number	10/826475	
INFORM	ATION DIS	CLOSUR	E	Filing Date	04/16/04	
STATEM	STATEMENT BY APPLICANT				G. Glenn Henry	
				Group Art Unit	2135	
(use as	many sheets as	necessary		Examiner Name	Kim Y. Vu	
Sheet	2	of	2	Attorney Docket Number	CNTR.2223	-13

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
/EZ/	ВА	WU et al. "CryptoManiac: a fast flexible architecture for secure communication." Proceedings of the 28th, International Symposium on Computer Architecture. ISCA 2001. 06-30-2001 pages 104-113, XP010553867	
/EZ/	B8	GLADMAN, BRIAN. "A Specification for Rijndael, the AES Algorithm." Online. 03/13/2003. XP002376287	
/EZ/	вс	BACKHUS E. "AES in FPGAS Implementierung Des Advanced Encryption Standards in Hardware." Elektronik, WEKA Fachzeitschriftenverlag, Poing, DE. Vol. 52, no.8. 04/15/2003 pages 54-56, 58, 60. XP001160048	
/EZ/	BD	DAEMON J et al. "AES Proposal: RIJNDAEL." AES Proposal 09/03/1999. pages 1-45, XP001060386	
			+-
			+-
			1
			$oxed{oxed}$
			4—
.t		4 4	-
-			+
			+

Examiner Signature	/Edward Zee/	Date Considered	04/02/2007

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance

and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

7/25/2006 7:09 PM FROM: 661-460-1986 Huffman Patent Group, LLC TO: 1-571-273-8300

7/25/06

JUL 2 5 2006

PTO/SB/08A (08-03)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Otheo: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

				Complete if Known		
ostitute for form 1449A	PIO			Application Number	10/826475	
INFORM	MATION DIS	CLOSUR	E	Filing Date	04/16/04	
STATEMENT BY APPLICANT				First Named Inventor	G. Glenn Henry	
			•	Group Art Unit	2135	
(use a	s many sheets as	necessary		Examiner Name	Kim Y. Vu	
Sheet	1	of	2	Attorney Docket Number	CNTR.2223	

,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			U.S. PATENT	DOCUMENTS	
Examiner Cite	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures
Initials*	No.	Number-Kind Code ^{2(# known)}	MM-DD-YYYY	Applicant of Cited Document	Appear
/EZ/		20020101985	08-01-2002	Calvignac et al.	
	<u> </u>				
			<u> </u>		
	-				
				•	
			*		

		FOREIC	ON PATENT DO	CUMENTS		
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages	т6
Initials*	No.	Country Code ³ - Number ⁴ - Kind Code ^{5 (Wincom)}	MM-DD-YYYY	Applicant of Cited Document	or Relevant Figures Appear	
/EZ/	AA	WO0184769A	11-08-2001	Lindemann et al.		
		CN1431584A (US20030172252A1 is an				
	A8	English-Language Equivalent Application)	07-23-2003	Henry et al.		L
					*	丄
						╙
						╙
	ļ		<u> </u>			ــ
						丄

	The second secon		
Examiner Signature	/Edward Zee/	Date Considered	04/02/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Sind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

PTO/SB/08A (08-03)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	70			Cor	nplete if Known	
Substitute for form 1449A/P	•		Application Number	10/826475		
INFORM	ATION DIS	CLOSUR	Έ	Filing Date	04/16/04	
***	ENT BY A			First Named Inventor	G. Glenn Henry	
			•	Group Art Unit	2135	
(use as	many sheets as	necessary		Examiner Name	Kim Y. Vu	
Sheet	2	of	2	Attorney Docket Number	CNTR.2223	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/EZ/	BA	TONG et al. "A system level implementation of Rijndael on a memory-slot based FPGA card." Field-Programmable Technology, 2002. (FPT). 16 December 2002 (2002-12-16), pages 102-109, XP010636515 ISBN: 0-7803-7574-2	
/EZ/	вв	TAYLOR D E et al. "Dynamic Hardware Plugins: Exploiting Reconfigurable Hardware for High-Performance Programmable Routers." Computer Networks, Elsevier Science Publishers B.V., Amsterdam, NL, vol. 38, no. 3. 21 February 2002 pages 295-310. XP004333786. ISSN: 1389-1286	
/EZ/	вс	ELBIRT A J et al. "Instruction-Level Distributed Processing for Symmetric-Key Cryptography." Parallel and Distributed Processing Symposium. 2003. 22 April 2003. pages 78-87. XP010645610 ISBN: 0-7695-1926-1	$oxed{oxed}$
			╀
			-
			十
		5 4 19 4	
			+
			╁
			+
			+
			Т

Examiner Signature	/Edward Zee/	Date Considered	04/02/2007
-----------------------	--------------	--------------------	------------

^{*}EXAMINER; initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 509. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (options). Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

RECEIVED

9/30/2006 10:33 AM FROM: 661-460-1986 HUEETEN THAT PAX DENTERO: 1-571-273-8300

SEP 3 0 2006

PTO/SB/08A (08-03)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		Complete if Known			
		Application Number	10/826475		
INFORMATION DISCLOSURE			Filing Date	04/16/04	
STATEMENT BY APPLICANT		First Named Inventor	G. Glenn Henry		
			Group Art Unit	2135	
(use as many sheets as necessary			Examiner Name	Kim Y. Vu	
1	of	2	Attorney Docket Number	CNTR.2223	
	ATION DIS	ATION DISCLOSUI ENT BY APPLICAL many sheets as necessary	ATION DISCLOSURE ENT BY APPLICANT many sheets as necessary	ATION DISCLOSURE ENT BY APPLICANT many sheets as necessary Application Number Filing Date First Named Inventor Group Art Unit Examiner Name	APPlication Number 10/826475 ATION DISCLOSURE Filing Date 04/16/04 ENT BY APPLICANT First Named Inventor G. Glenn Henry Group Art Unit 2135 Examiner Name Kirn Y. Vu

			U.S. PATENT	DOCUMENTS	
Examiner Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where	
Initials*	No. ¹	Number-Kind Code ^{2(# inown)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
/EZ/		20030202658	10-30-2003	Ingrid Verbauwhede	
/EZ/		20030223580	12-04-2003	Dorian L. Snell	
					·
·					
		•			
	1	:			,

		FOREIG	ON PATENT DO	CUMENTS		
Examiner Cite	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,	Γ
Initials*	No.'	Country Code ³ - Number ⁴ - Kind Code ^{5 (V known)}	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	
						╁
						L
						╀
			·			İ

Examiner Signature	/Edward Zee/	Date Considered	04/02/2007	
-----------------------	--------------	--------------------	------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST .3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

RECEIVED CENTRAL FAX CENTER

9/30/2006 10:33 AM FROM: 661-460-1986 Huffman Patent Group, LLC TO: 1-571-273-8300 PAGE: 004 OF 012

SEP 3 0 2006

PTO/SB/03A (08-03)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/	DTO.	Application Number 10/826475 TION DISCLOSURE Filing Date 04/16/04 ENT BY APPLICANT First Named Inventor G. Glenn Henry			
Substitute for form 1449AVI	-10			Application Number	10/826475
INFORM	IATION DIS	CLOSUR	E	Filing Date	04/16/04
STATE	STATEMENT BY APPLICANT		First Named Inventor	G. Glenn Henry	
		Application Number 10/826475 TION DISCLOSURE Filing Date 04/16/04	2135		
(use 8:	s many sheets as	necessary		Examiner Name	Kim Y. Vu
Sheet	2	of	2	Attorney Docket Number	CNTR.2223

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
/EZ/		MCKINNON et al. "A Configurable Middleware Framework with Multiple Quality of Service Properties for Small Embedded Systems." NETWORK COMPUTING AND APPLICATIONS, 2003. NCA 2003. SECOND IEEE INTERNATIONAL SYMPOSIUM ON 16-18 APRIL 2003, PISCATAWAY, NJ, USA IEEE, 16 APRIL 2003. Pages 197-204, XP010640251 ISBN: 0-7695-1938-5	
			╀
			╁
			十
			1
			$oxed{\Box}$
			1
			╀
			╁
			+
			十
			I
			\prod
			\downarrow
		· · · · · · · · · · · · · · · · · · ·	╀
			1

CONTRACTOR OF THE PARTY OF THE			
Examiner Signature	/Edward Zee/	Date Considered	04/02/2007

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of Information is required by 37 CFR 1.97 and 1.98. The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

RECEIVED CENTRAL FAX CENTER

PTO/SB/08A (08-03)
Approved for use through 10/31/2002. OMB 0851-0031
Approved for use through 10/31/2002. OMB 0851-0031
Approved for use through 10/31/2002. OMB 0851-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Inder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		Complete if Known			
				Application Number	10/826475
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		JRE .	Filing Date	4/16/2004	
		First Named Inventor	G. Glenn Henry		
				Group Art Unit	2135
(use a	(use as many sheets as necessary			Examiner Name	Kim Y. Vu
. Sheet	1	of	1	Attorney Docket Number	CNTR.2223

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
/EZ/		LEE et al. "Efficient Permutation Instructions for Fast Software Cryptography." IEEE Micro, Nov 2001. Pages 56-69	
·			
			+
			-
		·	

		NATIONAL PROPERTY OF THE PARTY		
Examiner Signature	/Edward Zee/		Date Considered	04/02/2007

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

and not considered. Include copy or this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of Information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*BECEINED CENTRAL FAX CENTER

JAN 2 5 2007

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Scholib to for form 44404	070			Complete if Known		
Substitute for form 1449A	ubstitute for form 1449A/PTO			Application Number	10/826475	
INFORM	MATION DIS	CLOSUR	RE	Filing Date	4/16/2004	
STATEMENT BY APPLICANT		T	First Named Inventor	G. Glenn Henry		
				Group Art Unit	2135	
(use a	STATEMENT BY APPLICANT (use as many sheets as necessary		Examiner Name	Kim Y. Vu		
Sheet	1	of	1	Attorney Docket Number	CNTR.2223	

			U.S. PATENT	DOCUMENTS	·
Examiner Cite	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.1	Number-Kind Code ^{2(# known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
					•
				· · · · · · · · · · · · · · · · · · ·	
				· · · · · · · · · · · · · · · · · · ·	
					
		· 			·
		·			·
•					

	tr.	₃ FOREIG	N PATENT DO	CUMENTS	ú	
Examiner Cite	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,	⊤ 6
Initials*	No.1	Country Code ³ - Number ⁴ - Kind Code ^{5 (ff known)}	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	
/EZ/		WO03036508	05-01-2003	Leslie D. Kohn		

Examiner Signature	/Edward Zee/		Date Considered	04/02/2007	
-----------------------	--------------	--	--------------------	------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST .3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

3/18/2007 5:37 PM FROM: (661) 460-1986 Huffman Parent Group TO TIVED 571-273-8300 PAGE: 003 OF 037

CENTRAL PAX CENTER

MAR 1 9 2007

PTO-SERIOR (99.02)
Approved for use through 10/31/2002. CME 0651-0031

U.S. Patent and Trademark Critical U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to rescend to a collection of information unless it contains a valid CMB control number.

Complete if Known Substitute for form 1449A/PTO Application Number 10826475 INFORMATION DISCLOSURE Filing Date 4/16/2004 G. Glenn Henry First Named Inventor STATEMENT BY APPLICANT 2135 **Group Art Unit** (use as many sheets as necessary Kim Y. Vu **Examiner Name** CNTR.2223 Attorney Docket Number Sheet

			U.S. PATENT	DOCUMENTS	
Examiner Cite	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.	Number-Kind Code ^{2(# known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
/EZ/		4168396 .	09-18-1979	Robert M. Best	
/EZ/		4278837	07-14-1981	Robert M. Best	
/EZ/	1 1	4465901	08-14-1984	Robert M. Best	
	1				
	1				
	\Box				
	11				
	1 1				·
	1			•	
	1				<u> </u>

		FOREIG	N PATENT DO	CUMENTS		
Examiner Cite	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages	76
Initials*	No.	Country Code ³ - Number ⁴ - Kind Code ⁵ (#Antwr)	MM-DD-YYYY	Applicant of Cited Document	or Relevant Figures Appear	
				•		
						$oldsymbol{ol}}}}}}}}}}}}}}}}}}$

	The state of the s		
Examiner Signature	/Edward Zee/	Date Considered	04/02/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO) Standard ST .3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. "Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. "Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

3/18/2007 5:37 PM FROM: (661) 450-1986 Huffman Patent Group, LLC TICENTRAL PAX CENTER 004 OF 037

MAR 1 9 2007

PTO/SE/08A (08 03)
Acproved to use through 10/31/2002. ONIS 0651-0031

U.S. Patent and Trotemark Cincor U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid CMB correct number.

Complete if Known Substitute for form 1449A/PTO Application Number 10826475 4/16/2004 INFORMATION DISCLOSURE Filing Date G. Glenn Henry First Named Inventor STATEMENT BY APPLICANT 2135 Group Art Unit (use as many sheets as necessary · Kim Y. Vu **Examiner Name** CNTR.2223 2 Attorney Docket Number Sheet

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	τ,
/EZ/	AA	Dimond et al. "Application-specific Customisation of Multi-Threaded Soft Processors." Computers and Digital Techniques. IEEE Proceedings. Volume 153, Issue 3. 2 May 2006. Pages 173-180.	
/EZ/	AB	Anderson et al. *Cryptographic Processors - A Survey." Proceedings of the IEEE, Volume 94, Issue 2, Feb. 2006. Pages 357-369.	
/EZ/	AC	Eberle et al. "Architectural Extensions for Elliptic Curve Cryptography over GF(2") on 8-bit Microprocessors." Application- Specific Systems. Architecture Processors. 2005. ASAP 2005. 16th IEEE International Conference on 23-25 July 2005. Pages 343-349.	
/EZ/	AD	KUHN, Markus G. "Cipher Instruction Search Attack on the Bus-Encryption Security Microcontroller DS5002FP." Computers, IEEE Transactions on Volume 47, Issue 10. Oct. 1998. Pages 1153-1157.	
			_
			$oxed{L}$
			Т
		is is	T
			T
			T
			Τ
			T
			1
			7
			1
		· · · · · · · · · · · · · · · · · · ·	+

Function IC 1 17 /	Date	
Examiner /Edward Zee/	Considered	04/02/2007

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). 'Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450. Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

3/25/2007 3:08 PM FROM: (661) 460-1986 Huffman Patent Group, LLC T TO: 1-571-273-8300 PAGE: 003 OF 020

CENTRAL FAX CENTER

MAR 2 6 2007

Approved for use through 10/31/2002. OMB 0551-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	44404 6770		Complete if Known			
Substitute for form 1449A/P	ubstitute for form 1449A/PTO		Application Number	10826475		
· INFORMA	ATION DIS	CLOSUR	`Ε	Filing Date	4/16/2004	
	ENT BY A			First Named Inventor	G. Glenn Henry	
			•	Group Art Unit	2135	
(use as i	many sheets as	necessary		Examiner Name	Kim Y. Vu	
Sheet	1	of	2	Attorney Docket Number	CNTR.2223	

			U.S. PATENT	DOCUMENTS	
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures
Initials*	No.'	Number-Kind Code ^{2(# known)}	MM-DD-YYYY	Applicant of Cited Document	Appear
/EZ/		5633934	05-27-1997	John T. Hember	
/EZ/		4319079	03-09-1982	Robert M. Best	
/EZ/		4888802	12-19-1989	Henry G. Cooney	
/EZ/		4386234	05-31-1983	Ehrsam et al.	
/EZ/		20020162026	10-31-2002	Neuman et al.	
· -					
				•	
		•		4	

FOREIGN PATENT DOCUMENTS							
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages	⊤ 6	
initials*	No.1	Country Code ³ - Number ⁴ - Kind Code ⁵ (# Anours)	MM-DD-YYYY	Applicant of Cited Document	or Relevant Figures Appear	Ľ	
						╄	
						╀	
	<u> </u>					╁	
						╁	
						T	
						T	
	 					Τ	

Examiner Signature	/Edward Zee/	Date Considered	04/02/2007.

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \(^1\) Applicant's unique citation designation number (optional). \(^2\) See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. \(^3\) Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \(^4\) For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \(^5\) Kind of document by the appropriate symptosis indicated on the document under WIPO Standard ST.16 if possible. \(^6\)Applicant is to place a check mark here if English Ingraparate Translations is placed. a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

PTO/SB/08A (08-03)
Approved for use through 10/31/2002, OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

		Complete if Known				
Substitute for form 1449A/P1	ubstitute for form 1449A/PTO				10826475	
INFORMA	ATION DIS	CLOSUR	`E	Filing Date	4/16/2004	
	ENT BY A			First Named Inventor	G. Glenn Henry	
				Group Art Unit	2135	
(use as i	many sheets as	necessary		Examiner Name	Kim Y. Vu	
Sheet	2	of	2	Attorney Docket Number	CNTR.2223	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Т
/EZ/		FISCHER et al. "Two Methods of Rijndael Implementation in Reconfigurable Hardware." Springer-verlag Berlin Heidelberg 2001. CHES 2001. LNCS 2162. pp 77-92.	
			├
			L
			┞
			\vdash
		·	
			╀
			\vdash
			L
			_
			╁
			L
			ot
) i		

Examiner Signature	/Edward Zee/	Date Considered	04/02/2007
O.G. C. C.			The second secon

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance

and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

PTO/SB/08A (08-03) Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1440A	bstitute for form 1449A/PTO		Complete if Known			
Substitute for form 14432	VEIO			Application Number	10826475	
INFORM	MATION DIS	SCLOSUR	E .	Filing Date	4/16/2004	
STATE	MENT BY A	PPLICAN	T	First Named Inventor	G. Glenn Henry	
			-	Group Art Unit	2135	
(use a	as many sheets as	s necessary		Examiner Name	Kim Y. Vu	
Sheet	1	of	(4)	Attorney Docket Number	CNTR.2223	

			U.S. PATENT	DOCUMENTS	
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.¹	Number-Kind Code ^{2(# known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
/EZ/		6983374	01-03-2006	Hashimoto et al.	
/EZ/		7073059	07-04-2006	Worely et al.	
/EZ/		6006328	12-21-1999	Christopher Nathan Drake	·
/EZ/		7184549	02-27-2007	Sorimachi et al.	
/EZ/		7124302	10-17-2006	Ginter et al.	
/EZ/	·	7088826	08-08-2006	Houlberg et al.	
					,
				· · · · · · · · · · · · · · · · · · ·	

		FOREIG	N PATENT DO	CUMENTS		
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,	-6
initials*	No.1	Country Code ³ - Number ⁴ - Kind Code ⁵ (* known)	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	
ļ						
	ļ					igsquare
<u> </u>						
					·	
L						

Examiner /Edward Zee/	Date Considered	04/16/2007
-----------------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO) Standard ST .3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450